

MICRA

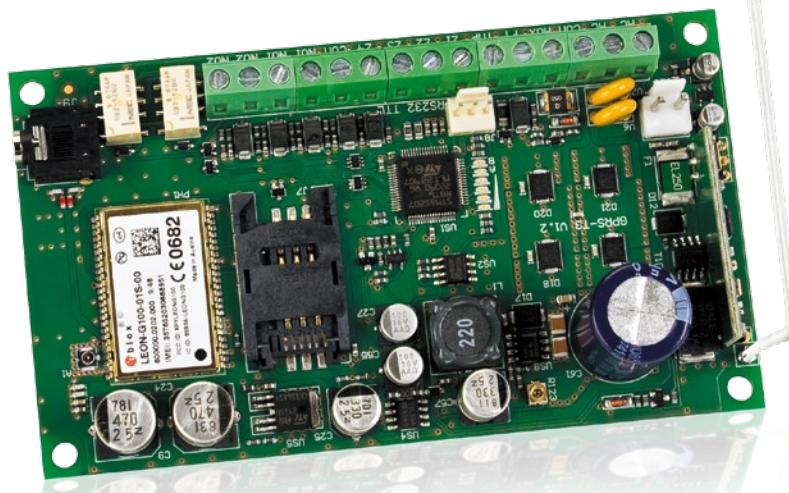
Alarm module with GSM/GPRS communicator

MICRA alarm module is intended for security installations of small premises: holiday houses, kiosks, ATMs, technical containers or standalone technical facilities – where apart from local signaling, an efficient remote notification on the threat is required. The possibility of using traditional detectors and sirens, built-in monitoring features and remote control with dedicated keyfobs or mobile phone allows it to replace more sophisticated alarm control panels where simplicity and solution efficiency is a priority.

Aside from basic detection and notification features, MICRA alarm module enables audible alarm verification over telephone, which allows to quickly verify the threat related to intrusion signal. MICRA's communication capabilities are not only limited to monitoring (GPRS/SMS) and personal messaging (SMS/CLIP) – remote control features enable control of module's outputs with the mobile phone. Uninterruptable operation of the security installation is ensured by the built-in backup power supply with 7 Ah battery – everything packed in a compact and robust enclosure being a part of a sales package. There's also a noteworthy feature of processing analog inputs – for example temperature or water level measurements. This makes MICRA an ideal choice for supervision of remote technical facilities, where not only intrusion threats should be monitored.

MICRA module features

- 4 programmable inputs for detectors and technical equipment supervision
- inputs mode selection: digital (on/off) or analog (voltage)
- dedicate tamper loop input
- 2 relay outputs controlled locally or remotely
- remote control receiver supporting up to eight P-2/P-4/T-1/T-2/T-4 keyfobs
- GPRS/SMS monitoring with events definition
- SMS/CLIP personal messaging on selected events
- audio verification over telephone via external microphone
- local (RS-232) or remote (GPRS) programming



MODULE SPECIFICATIONS

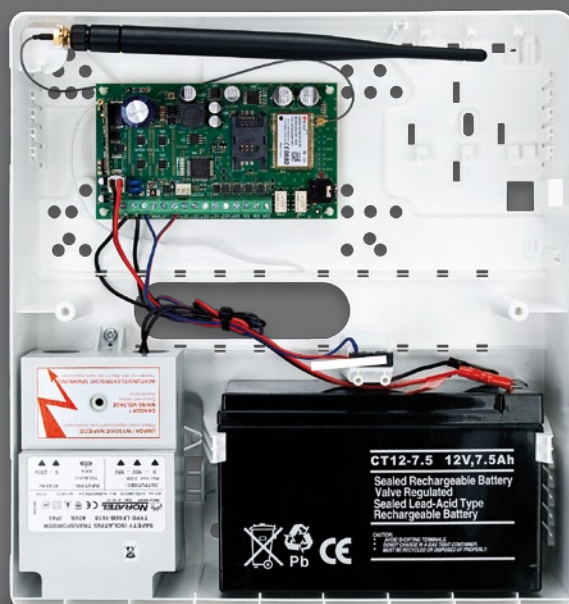
MICRA

Number of inputs	4 + 1
Inputs mode	digital (on/off) or analog (voltage)
Number of outputs	2 + 1
Number of supported remotes	8 (P-2, P-4, T-1, T-2, T-4 types)
GSM telephone	quad-band, GPRS class 10
Microphone connector	3.5 mm Jack
AUX output rating	500 mA
FT output rating	50 mA
Maximum relay load	1 A / 30 V DC (resistive)
Recommended transformer	TR40VA (18 V AC, 40 VA)
Battery current consumption	120 mA (standby) / 420 mA (max.)
230 V mains current consumption	50 mA (standby) / 150 mA (max.)*
Max. battery charging current	250 mA \pm 20%
Low battery voltage threshold	11 V
Battery cut-off threshold	10.5 V
Total power supply rating	2 A
Environmental class	II
Operating temperature range	-10°C...+55°C
Dimensions (with enclosure)	266 x 286 x 100 mm
Weight (excl. transformer and battery)	1072 g

*) measured with recommended TR40VA transformer

The manufacturer reserves the right to change the specification without prior notice.

Transformer and battery
sold separately.



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